



140

12-10-03

\$ REC  
1200

PTO/SB/30 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>Request For Continued Examination (RCE) Transmittal</b>  Address to: MS RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	<b>Application Number</b>	09/352093-Conf. #1685
	<b>Filing Date</b>	July 14, 1999
	<b>First Named Inventor</b>	Michael S. Hsu
	<b>Art Unit</b>	1742
	<b>Examiner Name</b>	D. Valentine
	<b>Attorney Docket No.</b>	HSE-20CPCN2RCE2

RECEIVED  
DEC 15 2003  
TC 1700**This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.**

Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application.

1. **Submission required under 37 CFR 1.114** Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
- a. ☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.
- i. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_
- ii. ☐ Other \_\_\_\_\_
- b. ☒ Enclosed
- i. ☐ Amendment/Reply
- iii. ☒ Information Disclosure Statement (IDS)
- ii. ☐ Affidavit(s)/Declaration(s)
- iv. ☒ Other Request to Lift Suspension of Ex Parte Prosecution of Application
2. **Miscellaneous**
- a. ☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)
- b. ☐ Other \_\_\_\_\_
3. **Fees** The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.
- a. ☒ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 12-0080
- i. ☒ RCE fee required under 37 CFR 1.17(e) 12/11/2003 DTESSEH1 00000174 120080 09352093
- ii. ☐ Extension of time fee (37 CFR 1.136 and 1.17) 01 FC:2801 385.00 DA
- iii. ☐ Other \_\_\_\_\_
- b. ☐ Check in the amount of \$ \_\_\_\_\_ enclosed
- c. ☐ Payment by credit card (Form PTO-2038 enclosed)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED			
Name (Print/Type)	Ralph A. Loren	Registration No. (Attorney/Agent)	29,325
Signature		Date	December 5, 2003

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354 230 230 US, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 5, 2003

Signature: (Ralph A. Loren)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED  
DEC 15 2003  
TC 1700

In re the application of: Michael S. Hsu and  
Ethan D. Hoag

Group Art Unit: 1742

Examiner: Donald R. Valentine

Serial No.: 09/352093

Filed: July 14, 1999

For: *ULTRA-HIGH EFFICIENCY TURBINE AND  
FUEL CELL COMBINATION*

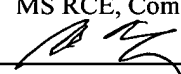
Attorney Docket No.: HSE-20CPCN2RCE2

MS RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

"Express Mail" Mailing Label Number EV 354 230 230 US

Date of Deposit December 5, 2003

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
By: Ralph A. Loren, Reg. No. 29,325

**REQUEST TO LIFT SUSPENSION OF *EX PARTE* PROSECUTION  
OF APPLICATION**

Dear Sir:

Applicants' attorney requests that suspension of *ex parte* prosecution of the above-identified application be lifted in order to submit a Request for Continued Examination (RCE). This RCE is being filed with an Information Disclosure Statement which lists two new publications cited during the prosecution of Japanese Patent Application No. 8-507281 which corresponds to this application. Applicants consider these references to be material to the examination of the application.

No additional costs are believed to be due in connection with the filing of this Request. However, please charge any necessary fees in connection with the enclosed Request to our Deposit Order Account No. 12-0080.

Respectfully submitted,

LAHIVE & COCKFIELD, LLP



Ralph A. Loren  
Reg. No. 29,325  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: December 5, 2003

RAL:JJV



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PTO/SB/17 (10-02)  
Approved for use through 10/31/2002. OMB 0651-0032

<b>FEE TRANSMITTAL</b> <b>for FY 2003</b> <small>Patent fees are subject to annual revision.</small>		<b>Complete if Known</b>																																											
		Application Number	09/352093-Conf. #1685																																										
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	July 14, 1999																																										
		First Named Inventor	Michael S. HSE																																										
		Examiner Name	D. Valentine																																										
TOTAL AMOUNT OF PAYMENT (\$)		385.00	Attorney Docket No.	HSE-20CPCN2RCE2																																									
<b>METHOD OF PAYMENT</b> (check all that apply)		<b>FEE CALCULATION</b> (continued)																																											
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		<b>3. ADDITIONAL FEES</b>																																											
<input checked="" type="checkbox"/> Deposit Account																																													
Deposit Account Number		12-0080																																											
Deposit Account Name		Lahive & Cockfield, LLP																																											
The Commissioner is hereby authorized to: (check all that apply)																																													
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments																																													
<input type="checkbox"/> Charge any additional fee(s) during the pendency of this application																																													
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee																																													
to the above-identified deposit account.																																													
<b>FEE CALCULATION</b>																																													
<b>1. BASIC FILING FEE</b>																																													
<table border="1" style="width:100%"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>1001</td><td>750</td><td>2001 375 Utility filing fee</td><td></td></tr><tr><td></td><td></td><td>1002</td><td>330</td><td>2002 165 Design filing fee</td><td></td></tr><tr><td></td><td></td><td>1003</td><td>520</td><td>2003 260 Plant filing fee</td><td></td></tr><tr><td></td><td></td><td>1004</td><td>750</td><td>2004 375 Reissue filing fee</td><td></td></tr><tr><td></td><td></td><td>1005</td><td>160</td><td>2005 80 Provisional filing fee</td><td></td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL (1)</b></td><td>0.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1001	750	2001 375 Utility filing fee				1002	330	2002 165 Design filing fee				1003	520	2003 260 Plant filing fee				1004	750	2004 375 Reissue filing fee				1005	160	2005 80 Provisional filing fee		<b>SUBTOTAL (1)</b>					0.00		
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																								
		1001	750	2001 375 Utility filing fee																																									
		1002	330	2002 165 Design filing fee																																									
		1003	520	2003 260 Plant filing fee																																									
		1004	750	2004 375 Reissue filing fee																																									
		1005	160	2005 80 Provisional filing fee																																									
<b>SUBTOTAL (1)</b>					0.00																																								
<b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b>																																													
<table border="1" style="width:100%"><thead><tr><th>Large Entity</th><th>Small Entity</th><th>Fee Code</th><th>Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td></td><td></td><td>1202</td><td>18</td><td>2202 9 Claims in excess of 20</td><td></td></tr><tr><td></td><td></td><td>1201</td><td>84</td><td>2201 42 Independent claims in excess of 3</td><td></td></tr><tr><td></td><td></td><td>1203</td><td>280</td><td>2203 140 Multiple dependent claim, if not paid</td><td></td></tr><tr><td></td><td></td><td>1204</td><td>84</td><td>2204 42 ** Reissue independent claims over original patent</td><td></td></tr><tr><td></td><td></td><td>1205</td><td>18</td><td>2205 9 ** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5" style="text-align:right"><b>SUBTOTAL (2)</b></td><td>0.00</td></tr></tbody></table>		Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid			1202	18	2202 9 Claims in excess of 20				1201	84	2201 42 Independent claims in excess of 3				1203	280	2203 140 Multiple dependent claim, if not paid				1204	84	2204 42 ** Reissue independent claims over original patent				1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					0.00		
Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid																																								
		1202	18	2202 9 Claims in excess of 20																																									
		1201	84	2201 42 Independent claims in excess of 3																																									
		1203	280	2203 140 Multiple dependent claim, if not paid																																									
		1204	84	2204 42 ** Reissue independent claims over original patent																																									
		1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent																																									
<b>SUBTOTAL (2)</b>					0.00																																								
**or number previously paid, if greater, For Reissues, see above																																													
<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>																																											
Name (Print/Type)	Ralph A. Loren	Registration No. (Attorney/Agent)	29,325																																										
Signature		Telephone	(617) 227-7400																																										
		Date	December 5, 2003																																										

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 354 230 230 US, in an envelope addressed to: MS RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 5, 2003

Signature: (Ralph A. Loren)